STIHL®

Fully charged with STIHL

The cordless power system from STIHL

No cables, no worries:
The convenient cordless power system from STIHL

The STIHL battery fits into every tool in our versatile cordless range.

Powerful performers
The brushless EC motor is incredibly energy efficient and is maintenance free. And thanks to its outstanding efficiency, every ounce of battery power is converted into impressive performance. The 36 V lithium-ion batteries deliver this energy at different power output levels.

Clean and quiet
Cordless technology makes the tools ideal for noise-sensitive areas such as around hospitals, parks and residential areas. Plus, the electric motor doesn't produce any emissions at all.

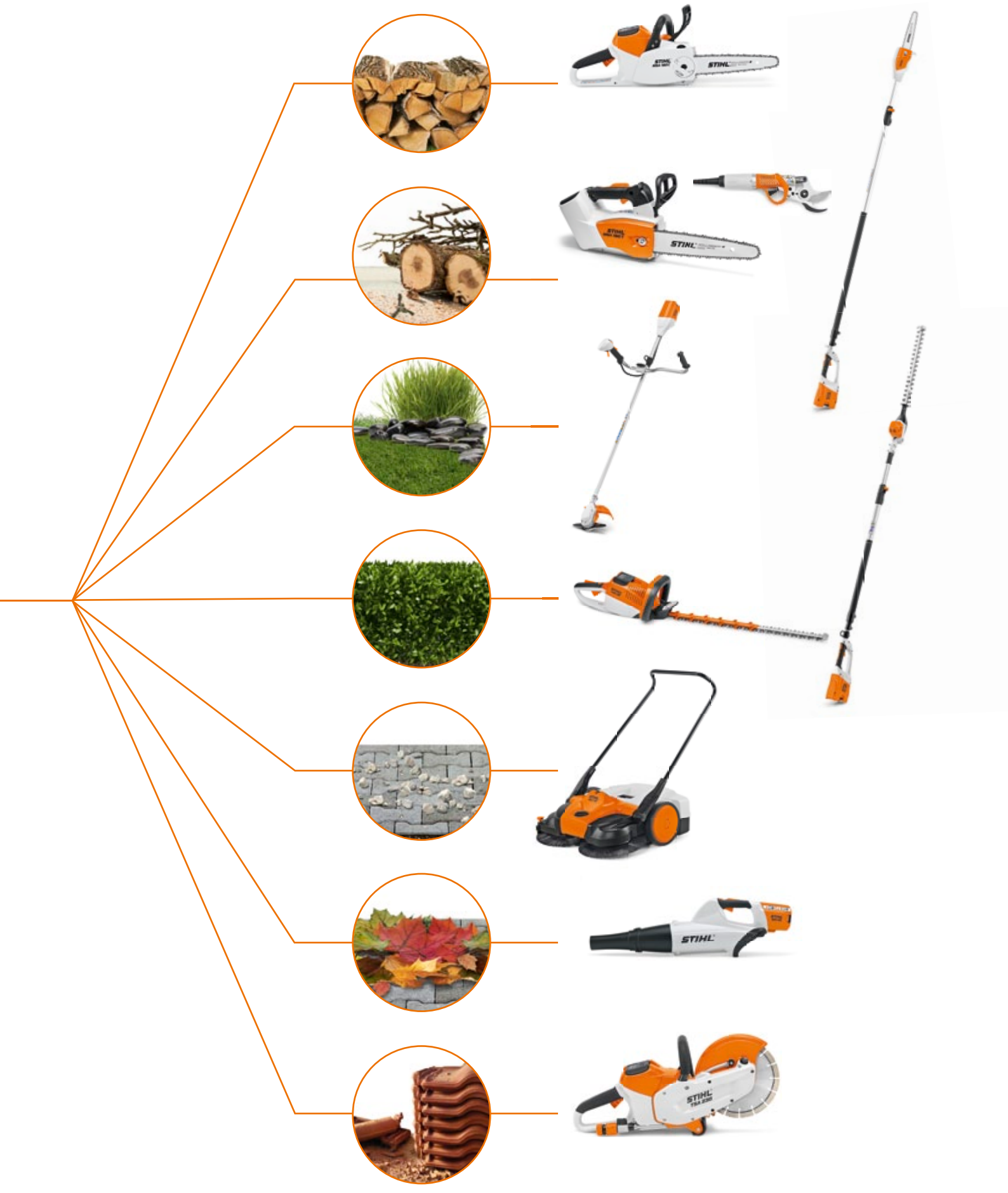
Rain is not a problem
STIHL cordless tools can also be used in the rain. (Please observe the information on page 28, as well as on the labels on the actual tool and in the user manual.)

No cables means greater mobility
As they don't require a power cord, the versatile cordless tools are unbeatable in terms of mobility. They're ideal for working around the house and in public spaces. All our cordless power tools are lightweight, have comfortably low vibration levels and are extremely easy to use.

Cost-efficient
Cordless tools are characterised by energy efficiency and low maintenance, and are therefore highly economical.

Long battery service life
STIHL batteries are fitted with top-of-the-range lithium-ion cells that conform with exacting safety standards. The batteries can be fully recharged up to 1,200 times with just a minimal loss of capacity.

From mowing lawns and tidying lawn edges, to trimming hedges, removing leaves, clearing paths and cutting firewood – the STIHL cordless tools make light work of all sorts of gardening jobs. And thanks to their innovative cordless design, the batteries and chargers are compatible with all the cordless power tools. No matter whether you're a hobby gardener or a professional, you'll always find just what you're looking for. The Lithium-Ion PRO symbol signifies the innovative battery technology in STIHL tools. It stands for excellent battery performance.

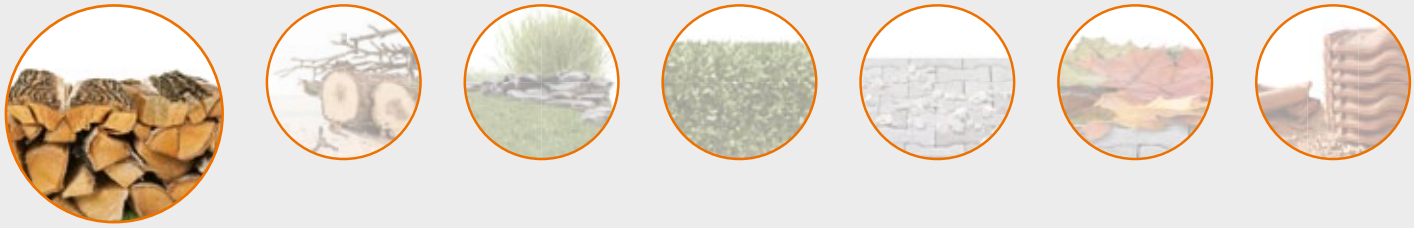


Cordless chainsaws: High power, low noise

With the STIHL MSA 200 C-BQ and MSA 160 C-BQ cordless chainsaws, you'll be perfectly equipped to work in noise-sensitive areas. They're powerful, low in vibration and so quiet that you won't need to wear ear protection. And thanks to their low weight, you'll always be able to keep a steady hand – even when working for long periods. Both powerful 36 V chainsaws deliver outstanding cutting performance and are easy to use, for precisely cutting rafters and for work around the house or in public parks.

STIHL professional tip:

The cordless chainsaws are ideal for use in noise-sensitive areas and enclosed spaces, and so quiet that you won't need to wear ear protection.



MSA 160 C-BQ

Cordless chainsaw for use in noise-sensitive areas, no ear protection necessary. STIHL Quick Chain Tensioning, QuickStop Super chain brake, tool-free fuel cap, with a $^{1}/_{4}$" PM3 saw chain for a fine cut and good cutting performance, can also be used in the rain.

Weight: 3.2 kg (excluding battery, with cutting attachment)
Bar length: 25 cm, 30 cm
Battery running time with AP 115: up to 23 min
Battery range with AP 115: up to 110 cuts in 10 cm x 10 cm spruce

MSA 200 C-BQ

Cordless chainsaw with more power for use in noise-sensitive areas, no ear protection necessary. STIHL Quick Chain Tensioning, QuickStop Super chain brake, tool-free fuel cap, with a $^{1}/_{4}$" PM3 saw chain for a fine cut and good cutting performance, can also be used in the rain.

Weight: 3.3 kg (excluding battery, with cutting attachment)
Bar length: 30 cm, 35 cm
Battery running time with AP 180: up to 35 min
Battery range with AP 180: up to 150 cuts in 10 cm x 10 cm spruce or 1 stacked cubic metre of wood

Useful accessories:

To ensure that you're best equipped for all kinds of jobs, STIHL offers a wide range of chains, bars, personal protective equipment and other accessories.

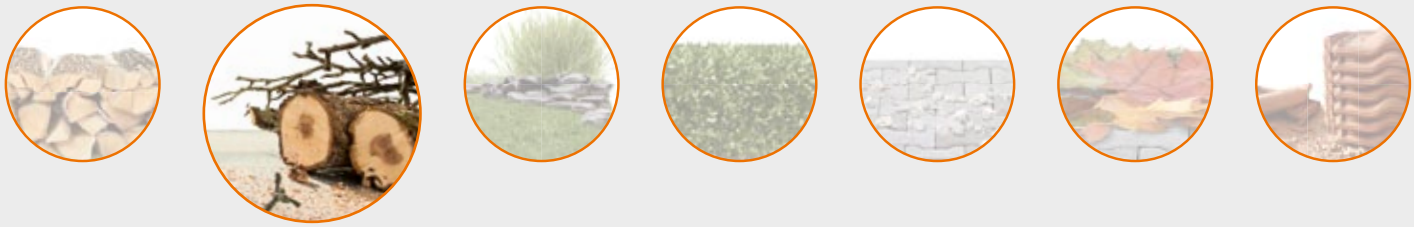
For more information, visit our website at **www.stihl.com.**

Cordless arborist saw: For specialists

For all the tree-care specialists out there: The convenient STIHL MSA 160 T cordless arborist saw sets new standards in the field of professional tree maintenance. Low in weight and fitted with the light AP 115 battery, it's an ergonomic and agile partner for all jobs involving climbing or working from a cherry picker. Equipped with state-of-the-art STIHL battery technology, the STIHL MSA 160 T allows you to work quietly and with zero emissions, all at the touch of a button. It is therefore great for use in noise-sensitive areas and doesn't require ear protection. The $^{1}/_{4}$" PM3 saw chain provides a highly precise cut, thereby ensuring that the tree is not damaged.

STIHL professional tip:

The cordless arborist saw can also be used in the rain, so you can say goodbye to work interruptions caused by inclement weather – allowing you to work effectively and economically.



MSA 160 T

Extremely lightweight cordless arborist saw① for use in noise-sensitive areas. No ear protection necessary, high cutting performance thanks to the 1/4" PM3 saw chain, secured nut on the sprocket cover, can also be used in the rain, side-mounted Quick Chain Tensioning, simple start-up, retractable eyelet for attaching to the chainsaw strap.

Weight: 2.3 kg (excluding battery, with cutting attachment)
Bar length: 25 cm, 30 cm
Battery running time with AP 115: up to 23 min
Battery range with AP 115: up to 110 cuts in 10 cm x 10 cm spruce

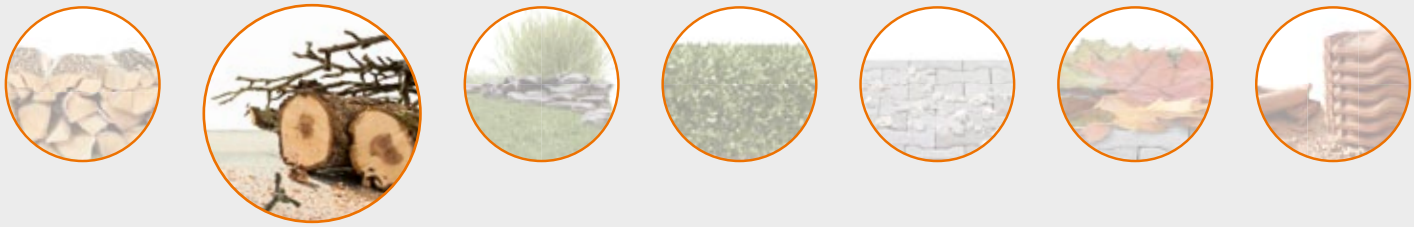
① Specially designed for working among tree branches. Should only be used by trained arborists

Cordless pole pruner: Keep your feet firmly on the ground

The ultimate in flexibility while working from the ground: Thanks to their low weight, the powerful STIHL HTA 65 and STIHL HTA 85 cordless pole pruners are not only extremely convenient but also help save the user's energy. Thanks to a sturdy telescopic shaft and a quick-locking mechanism that can be operated without any tools, the length of the shaft on the STIHL HTA 85 can be adjusted to perfectly suit the job at hand. This allows you to effortlessly reach high up branches from the ground. Furthermore, both cordless pole pruners operate extremely quietly. They can therefore be used without ear protection and are ideally suited for jobs in noise-sensitive areas.

STIHL professional tip:

The RTS-HT Harness transfers the weight of the tool to the user's hips, resulting in a dramatic reduction in back stress during prolonged use, while allowing full freedom of movement. It can also be easily adjusted to suit the user's size.



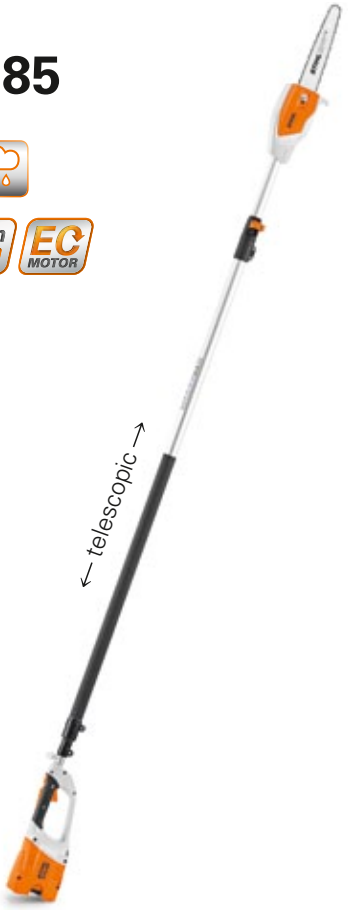
HTA 65

NEW

Exceptionally lightweight and powerful cordless pole pruner for property maintenance, orchards and professional tree maintenance. Flexible and easy to manoeuvre, with a 1/4" PM3 saw chain for precise biting characteristics and high cutting performance, low in vibration and quiet for use in urban areas. Fitted with side-mounted chain tensioning, can also be used in the rain, total length 240 cm.

Weight: 3.8 kg (excluding battery, with cutting attachment)
Bar length: 25 cm
Battery running time with AP 115: up to 23 min
Battery running time with AP 180: up to 40 min
Battery range with AP 180: up to 160 cuts in 10 cm x 10 cm spruce

HTA 85



Cordless pole pruner with a telescopic shaft for professional tree maintenance. Lightweight and powerful, with a 1/4" PM3 saw chain for highly precise biting characteristics and great cutting performance, low in vibration and quiet for use in urban areas. Fitted with side-mounted chain tensioning, can also be used in the rain, total length 270 – 390 cm.

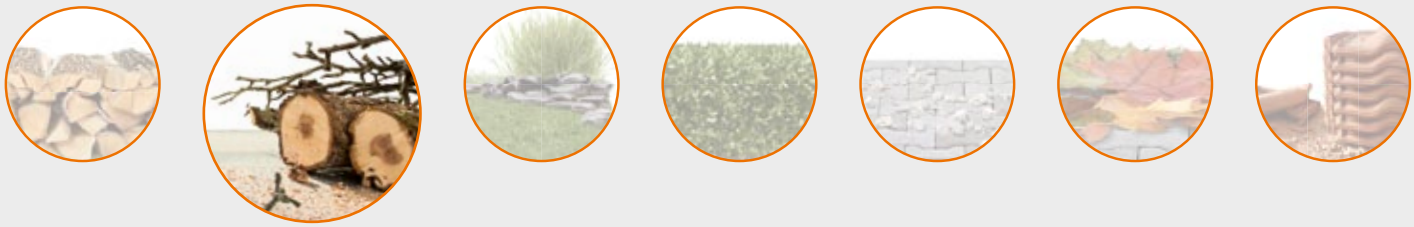
Weight: 4.9 kg (excluding battery, with cutting attachment)
Bar length: 30 cm
Battery running time with AP 115: up to 23 min
Battery running time with AP 180: up to 40 min
Battery range with AP 180: up to 160 cuts in 10 cm x 10 cm spruce

Cordless pruning shears: Cutting just got easier

A powerful cutter that won't tire you out: The STIHL ASA 85 cordless pruning shears have the power to effortlessly cut through branches with a diameter of up to 45 mm. The individually adjustable blade opening can be adjusted to suit different-sized branches, saving both time and energy. Thanks to the tool's ergonomic battery carrying system, it can be used the whole day long without sapping your energy. That's what makes the STIHL ASA 85 an ideal partner for professional users. Whether your job involves pruning and tree care in gardens, parks, plantations or nurseries, one thing's certain: the STIHL ASA 85 always gives a powerful cut.

STIHL professional tip:

The ergonomic battery carrying system offers great user comfort, ensuring optimal weight distribution while taking the strain off the user's back. Loops on the shoulder straps mean that the connection lead is kept close to the body, no matter whether the user is right- or left-handed.



ASA 85

NEW

Powerful cordless pruning shears for branches up to 45 mm thick. Ideal for pruning hedges in public gardens, orchards, tree nurseries and in viticulture. Durable aluminium body, ergonomic handle that suits both left- and right-handed users, adjustable four-stage blade opening. Switching between a proportional cut and a pulse cut is regulated via the control unit.

Weight: 980 g (excluding battery and carrying system, with blades)
Max. cutting depth: 45 mm
Battery running time with AP 115: up to 300 min
Battery running time with AP 180: up to 480 min

Useful accessories:

Has a grip on everything
A secure grip – supported by a suitable glove – is crucial to passive safety. STIHL provides a wide range of different types of gloves.

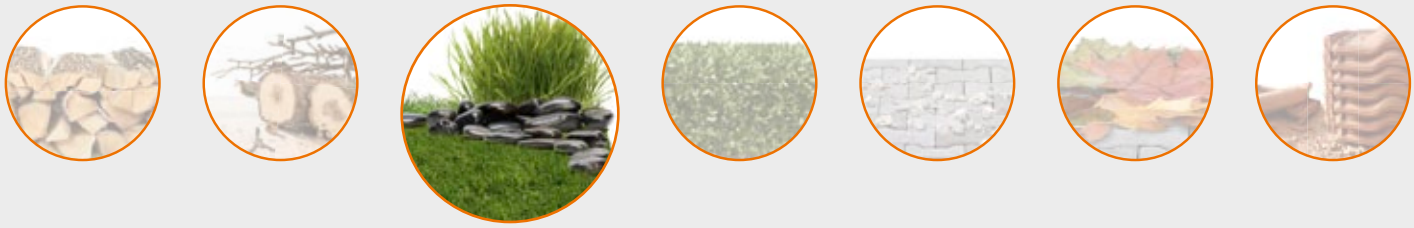
For more information, visit our website at **www.stihl.com.**

Cordless brushcutters: Quiet. Light. Powerful.

The STIHL FSA 65, FSA 85 or the new FSA 90 and FSA 90 R cordless brushcutters make mowing lawns even easier for both occasional and professional users. These well-balanced tools take the stress and strain out of trimming and mowing. Large cutting arcs and powerful batteries let you work efficiently and flexibly. The tools are also quiet with low vibrations. The new FSA 90 and FSA 90 R cordless brushcutters broaden the range of applications suitable for the STIHL cordless brushcutter family. You can choose between a bike handle and a loop handle, and can switch between various mowing heads, plastic blades and grass cutting blades to suit the job at hand. The new cordless brushcutters are therefore suitable for big cutting jobs and for a wide variety of applications.

STIHL professional tip:

When working on traffic islands or in urban areas, you are advised to use the FSA 90 with ECOSPEED function in conjunction with the low-spin GSB 250-44 grass cutting blade, as this considerably reduces not only the amount of debris being whirled up into the air, but also the level of noise emitted.



FSA 65

Cordless brushcutter for thinning work. Cutting arc diameter 300 mm, rubberised 2-component handle, continuously variable bow handle, the mowing line automatically readjusts when tapping the mowing head on the ground, quiet, no ear protection necessary, can also be used in the rain.

Weight: 2.7 kg (excluding battery, including cutting tool and guard)
Battery running time with AP 115: up to 40 min

FSA 85

Cordless brushcutter for mowing along obstacles as well as trees and bushes. Cutting arc diameter 350 mm, continuously variable bow handle, tool-free handle adjustment, the mowing line automatically readjusts when tapping the mowing head on the ground, quiet, no ear protection necessary, infinitely variable speed control, spacer bracket, can also be used in the rain.

Weight: 2.8 kg (excluding battery, including cutting tool and guard)
Battery running time with AP 160: up to 30 min

FSA 90 R

NEW
Available from summer 2015!

Cordless brushcutter for working on large areas of tough grass. Cutting arc diameter 380 mm with mowing head, loop handle, engine controls with ECOSPEED partial load function, basic harness, no ear protection required, can also be used in the rain.

Weight: 2.8 kg (excluding battery, including cutting tool and guard)
Battery running time with AP 180: up to 21 min

FSA 90

NEW
Available from summer 2015!

Cordless brushcutter for working on large areas of tough grass. Cutting arc diameter 260 mm with grass cutting blade, bike handle, engine controls with ECOSPEED partial load function, double shoulder harness, no ear protection required, can also be used in the rain.

Weight: 3.2 kg (excluding battery, including cutting tool and guard)
Battery running time with AP 180: up to 30 min

Cordless shrub shears and hedge trimmers: Whip every corner of your garden into shape

The new STIHL HSA 25 cordless shrub shears is the first choice for the maintenance of small-leafed ornamental trees and evergreen hedges, along with the trimming of lawn edges. Lightweight and easy to manoeuvre, it delivers a high level of precision and couldn't be easier to handle. The HSA 66 and HSA 86 cordless hedge trimmers are also a cut above the rest. Diamond-finished cutting blades ensure a top-notch cutting performance. They are low weight and have a constant stroke rate, and so are very convenient to use. What's more, their lithium-ion batteries and cutting-edge EC motors make them both enduring and pleasantly quiet to use.

STIHL professional tip:

We recommend using the STIHL Superclean resin solvent for regular maintenance of the cutting blades. This prevents resin build up on the blades, allowing you to achieve the maximum cutting performance and battery running time.

HSA 25

NEW

Cordless shrub shears with shrub cutter for trimming and maintaining small, evergreen hedges and small-leafed ornamental trees with branches up to 8 mm thick. With a grass trimmer for edging grass around the patio, flowerbeds and the house. Ergonomic, rubberised handle, double-stroke blade for a powerful cut and low vibrations. The STIHL HSA 25 is not compatible with the STIHL cordless power system – the battery in the cordless shrub shears fits only this particular tool, it can also be used in the rain.

Package includes:
1 x battery 10.8 V / 2.0 Ah, 1 x charger, 1 x shrub cutter, bar length 17 cm, 1 x grass trimmer, cutting width 11 cm, 1 x black/orange carry bag with eyelets for wall mounting
Weight: 0.6 kg (excluding battery, with cutting tool)
Battery running time: up to 110 min

HSA 66

This cordless hedge trimmer is light, highly efficient and maintains a constant stroke rate even during the toughest jobs. 30 mm tooth spacing, droplet-shaped cutter geometry holds twigs more effectively in the blade, single-sided cutting blades, integrated cut protection, screw-on tip protector, can also be used in the rain.

Weight: 3.1 kg (excluding battery)
Bar length: 50 cm
Battery running time with AP 115: up to 80 min
Battery range with AP 115: up to 260 m² of trimmed

HSA 86

A low-weight cordless hedge trimmer with improved cutting performance and efficiency, running at a constant stroke rate, even when pruning thick hedges. 33 mm tooth spacing, double-sided cutting blades, integrated cut and tip protector, can also be used in the rain.

Weight: 3.0 kg (with 45 cm cutting blades, excluding battery), 3.3 kg (with 62 cm cutting blades, excluding battery)
Bar length: 45 cm, 62 cm
Battery running time with AP 115: up to 80 min
Battery range with AP 115: up to 340 m² of trimmed hedge

STIHL professional tip:

The STIHL battery belt, allows the weight of your tool can to be significantly reduced because you carry the battery on your belt – not in the machine. As a result, the total weight of the machine in your hands is reduced by up to 1 kg.

Cordless long-reach hedge trimmers: Simply a cut above

The HLA 65 and HLA 85 cordless long-reach hedge trimmers not only have a great range, but are also well balanced and ergonomically designed. With its telescopic shaft, the new STIHL HLA 85 cordless long-reach hedge trimmer can reach hedges up to a height of approx. 5 m. With professional double-edged cutter teeth and different settings for vertical, overhead and ground-level cutting, these tools ensure a clean cut so you can get your work done faster. Optimal weight distribution means the tools always sit comfortably in your hands when trimming.

STIHL professional tip:

Cuttings can be caught in the catcher plate and taken away. This can also be used to deflect the cuttings away from the hedge when vertical cutting. So you'll always have a beautiful green hedge.

HLA 65

Cordless long-reach hedge trimmer for tall and wide hedges. Constant blade stroke regardless of the load, can be folded together, adjustable for vertical overhead and ground-level cutting, cutter bar adjustable by 115°, long reach, double-sided cutting blades, carrying length 125 cm, can also be used in the rain, total length 205 cm.

Weight: 3.5 kg (excluding battery)
Total length: 205 cm
Bar length: 50 cm
Battery running time with AP 115: up to 80 min
Battery running time with AP 160: up to 120 min
Battery range with AP 115: up to 340 m² of trimmed hedge

HLA 85

NEW

Cordless hedge trimmer for professional use, with a long range thanks to telescopic shaft. Continuously variable engine speed, adjustable for vertical, overhead and ground-level cutting, cutter bar adjustable by 115°, double-sided cutting blades, tool-free adjustment of the shaft length via the quick-tensioning lever, carrying length 180 cm, compatible with RTS-HT, can also be used in the rain, total length 260 to 330 cm.

Weight: 4.4 kg (excluding battery)
Total length: 260–330 cm
Bar length: 50 cm
Battery running time with AP 115: up to 80 min
Battery running time with AP 160: up to 120 min
Battery range with AP 115: up to 340 m² of trimmed hedge

Cordless sweeping machine: Takes the sweat out of the daily clean

School yards, warehouses, petrol stations... wherever large, sealed surfaces need regular cleaning, professionals can't pass up the KGA 770 cordless sweeping machine. STIHL's advanced cordless technology keeps the brushes rotating at the right speed, even when you're working in corners or around obstacles. You'll be able to sweep up even coarse debris much more effectively and faster than with a broom – no witchcraft required.

STIHL professional tip:

The sweeping machine's central height adjustment can be modified by hand to suit different conditions, such as the type of debris or surface – so that everything is always left spick-and-span.

KGA 770

Cordless sweeping machine for large areas both indoors and outdoors. STIHL MultiClean PLUS sweeping system, 8-level central height adjustment, lateral wheels, transport handle, can be stored upright to save space, ergonomically designed 2-level height adjustable push bar, battery power for circular brushes and power sweep makes for easy and energy-saving work. This enables thorough cleaning of edges and corners, even when the machine is stationary. Container capacity 50 l, sweep width 77 cm.

Weight: 16 kg (excluding battery)
Battery running time with AP 115: up to 105 min

Applications

Indoors:
- Interlocking paving stones (e.g. tiles, granite)
- Screed floors

Outdoors:
- Asphalt
- Exposed aggregate concrete
- Interlocking paving stones (e.g. honeycomb and dog-bone pavers)
- Cobblestones

Cordless blower:
Clean up like the wind

Exhausting raking and sweeping is a thing of the past. The BGA 85 cordless blower from STIHL effortlessly clears away leaves, cuttings, rubbish and more in no time at all. This high-performance, lightweight blower produces very little noise and ensures excellent mobility, making it a convenient and reliable helper around the house and in public spaces. The super-quiet motor makes it ideally suited for use in noise-sensitive areas such as near schools and hospitals.

STIHL professional tip:

The BGA 85's continuously variable speed control makes it ideally conducive to efficient working and for use in noise-sensitive areas. You can select exactly the amount of engine power you actually require to complete the job at hand, enabling prolonged and environmentally friendly use.

BGA 85

A cordless blower that's incredibly easy and convenient to use. Round nozzle, rubberised 2-component handle, continuous speed control and very quiet operation. For particularly long periods of use, we recommend the AR 900 backpack battery. It can also be used in the rain.

Weight: 3.2 kg (excluding battery)
Battery running time with AP 180: up to 23 min
Battery running time with AR 900: up to 110 min

Useful accessories:

For more comfortable operation of the BGA 85, STIHL offers various retrofittable carrying systems.

See page 35 for more information, or visit our website at **www.stihl.com.**

Cordless cut-off machine: Small in size. Big in action.

Small, but with a big bite: The new STIHL TSA 230 is not only the first cordless cut-off machine on the market with a 230 mm cutting wheel, but it is also particularly light and small, weighing only 3.9 kg (excluding battery). The zero-emissions cordless technology makes a clean job of every cutting job – indoors or outdoors. Furthermore, the standard water hose connection and the optimum dust extractor connection accessory ensure effective dust suppression when cutting. The small TSA 230 with its cutting depth of up to 70 mm is suitable for a wide range of applications.

STIHL professional tip:

The TSA 230 is the first cordless cut-off machine in the world that can also be used at indoor jobsites. The depth stop is an optional accessory that features an integrated nozzle for connecting a dust extractor so dust can be vacuumed up while you work.

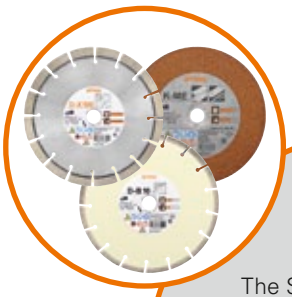
TSA 230

Lithium-Ion PRO | EC MOTOR

NEW

The world's first cordless cut-off machine with 230 mm cutting wheel for wet cutting. Suitable for indoor and outdoor use, up to 70 mm cutting depth, suitable for use in rain, water connection with ball valve and hose coupling, spindle lock, maintenance-free belt drive.

Weight: 3.9 kg (excluding cutting wheel and battery)
Battery running time with AP 180: up to 15 min
Battery running time with AR 900: up to 75 min



The STIHL range includes high-quality diamond cutting wheels for concrete, asphalt and natural stone, as well as resin-bonded cutting wheels for steel, asphalt and stone.

Useful accessories:

Depth Stop
The depth stop with integrated nozzle for connecting a vacuum cleaner reduces dust when dry cutting mineral construction materials both indoors and outdoors. Precise and continuous adjustment of cutting depth.

For more accessories, visit our website at **www.stihl.com.**

AR 900 backpack battery
It's got what it takes

The new STIHL AR 900 is packed with over five times more battery power than the successful STIHL AP 180. Needless to say, it's got plenty of energy in reserve for tackling time-consuming jobs. The wide base means the backpack remains stable when placed on the ground. When the device is not in use, it can be easily uncoupled at the adapter and placed down. The backpack battery can be connected to all the different STIHL battery systems with an adapter.

STIHL professional tip:

If required, the cable can be passed through the cable duct on the back panel, either on the right or left, top or bottom. This ensures convenient operation based on the requirements of the individual operator.

AR 900

Lithium-Ion PRO

Backpack lithium-ion battery with greater capacity for longer running times. Sturdy housing with integrated carry handle and base, comfortable harness, with bag for adapter. The AR 900 is not suitable for use in rain.

Total weight: 7.1 kg
Battery weight: 6.4 kg
Battery energy*: 891 Wh
Charge level indicator: 6 LEDs

Useful accessories:

The STIHL battery box allows you to transport and store the AR 900 and charger easily whilst saving space.

See page 35 for more information, or visit our website at **www.stihl.com.**

* Power capacity according to the specifications of the manufacturer. The power capacity available during actual operation is lower to increase the battery life.

Innovative technology in every detail: The 36V cordless power system from STIHL

At the heart of the STIHL cordless range are the innovative lithium-ion batteries. The advantages: loads of power, high energy density, long running times, short charging times, no memory effect and compatible with all STIHL cordless tools. When used for prolonged periods – by professional gardeners, for example – you are advised to use two STIHL batteries or the AR 900 backpack. For more details ask your STIHL specialist dealer, they'll be happy to help.

Hard-wearing and long-lasting
STIHL batteries are fitted with top-of-the-range lithium-ion cells that conform with exacting safety standards. The batteries can be fully recharged up to 1,200 times with just a minimal loss in capacity. A charging cycle corresponds to a complete charge and complete discharge.

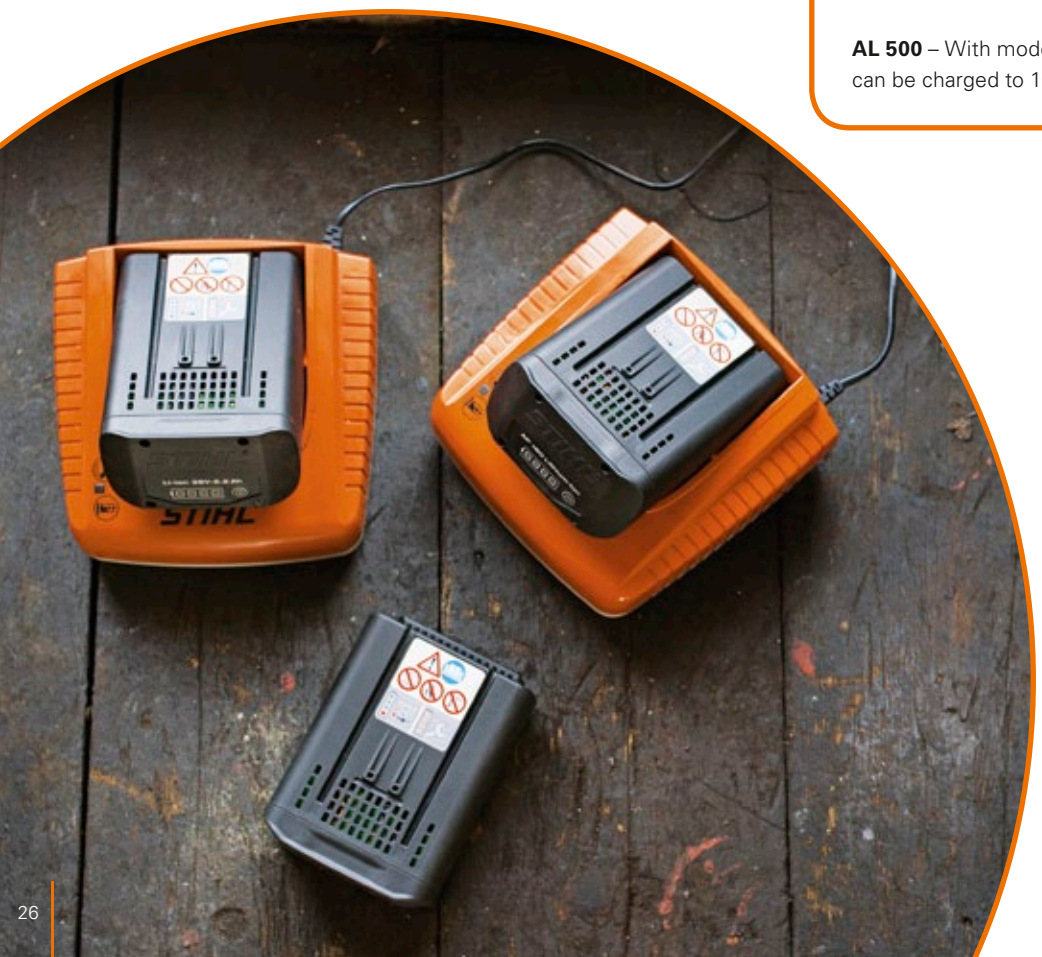
Constant performance
The battery's performance remains constant over the entire operating time. This means that you can work over long periods, just as you would with a petrol-powered tool.

Easy to change and charge
The batteries can be removed and replaced in a matter of seconds. The battery is fully charged when the LED light goes out (green while charging).

Rain is not a problem
STIHL cordless tools can also be used in the rain*. (Please observe the information on the labels on the tool and in the user manual.)

STIHL professional tip:

AL 500 – With modern quick charging technology the AP 180 can be charged to 100% in just 25 min.



* Please note that rain, fog and other damp conditions can cause varying levels of humidity and that tools cannot be used in extreme conditions. Keep the batteries away from salty environments and unclean liquids. The battery must be dried after use. In general, chargers are only to be used in dry environments.

	AP 115	AP 160	AP 180	AR 900
Battery charging times (min) ①				
AL 100	110/**140**	150/**165**	160/**210**	–
AL 300	25/**55**	35/**60**	40/**70**	190/**250**
AL 500	20/**25**	35/**60**	20/**25**	100/**130**
Battery running times (up to .. min) ②				
STIHL MSA 160 C-BQ	23	35	40	180
STIHL MSA 200 C-BQ	20	30	35	160
STIHL MSA 160 T	23	35	40	180
STIHL HTA 65	23	35	40	180
STIHL HTA 85	23	35	40	180
STIHL FSA 65	40	60	70	330
STIHL FSA 85	20	30	35	160
STIHL FSA 90 R (with line mowing head)	15	18	21	100
STIHL FSA 90 (with grass cutting blade)	23	26	30	150
STIHL HSA 66	80	120	140	660
STIHL HSA 86	80	120	140	660
STIHL HLA 65	80	120	140	660
STIHL HLA 85	80	120	140	660
STIHL BGA 85	13	20	23	110
STIHL KGA 770	105	160	180	–
STIHL TSA 230	8	13	15	75
STIHL ASA 85	300	420	480	–

Recommended option

① Charging times in minutes up to 80 % capacity/**100 % capacity**
② The stated running times and area specifications are estimates and can vary depending on how the tool is used and what is being cut

Peak battery performance at a glance

	MSA 160 C-BQ	MSA 200 C-BQ	MSA 160 T	NEW HTA 65	HTA 85	NEW ASA 85	FSA 65	FSA 85
Battery technology (lithium-ion)	●	●	●	●	●	●	●	●
Motor type (Brushed DC/brushless EC)	–/●	–/●	–/●	–/●	–/●	–/●	–/●	–/●
Weight excluding battery (kg)	3.2③	3.3③	2.3③	3.8③	4.9③	0.98⑤	2.7⑥	2.8⑥
Sound pressure level (dB(A))	83①	84①	81①	76①	76①	< 70⑧	75①	77①
Sound power level (dB(A))	94①	95①	93①	93①	93①	–	91①	94①
Vibration level left/right (m/s^2)	2.0/2.0④	4.5/4.0④	2.5/2.5④	2.5/2.5④	1.0/1.0④	–	1.3/1.1④	1.4/0.8④
Vibration level (m/s^2)	–	–	–	–	–	< 2.5⑨	–	–
Saw chain pitch	1/4" P	1/4" P	1/4" P	1/4" P	1/4" P	–	–	–
STIHL Oilomatic saw chain types	PM3	PM3	PM3	PM3	PM3	–	–	–
Rollomatic E bars (Bar length. cm)②	25 **30**	30 **35**	25 **30**	25	30	–	–	–
Oil tank volume (cm^3)	210	210	105	–	–	–	–	–
Quick Chain Tensioning (B)	●	●	–	–	–	–	–	–
QuickStop Super chain brake (Q)	●	●	●	–	–	–	–	–
Maximum cutting depth (mm)	–	–	–	–	–	45	–	–
Mowing line thickness (mm)	–	–	–	–	–	1.6	–	–
Tooth length (mm)	–	–	–	–	–	–	–	–
Bar length (cm)	–	–	–	–	–	–	–	–
Standard cutting tool	–	–	–	–	–	–	Mowing head AutoCut C 4-2	Mowing head AutoCut C 4-2
Mowing line thickness (mm)	–	–	–	–	–	–	2.0	2.0
Cutting arc diameter (mm)	–	–	–	–	–	–	300	350
Cutting wheel (mm)	–	–	–	–	–	–	–	–
Engine speed control	continuously variable	continuously variable	continuously variable	continuously variable	continuously variable	electronically variable	non-variable	continuously variable
Spacer bracket	–	–	–	–	–	–	○	●
Support foot	–	–	–	○	○	–	–	–
Total length with cutting attachment (cm)	–	–	–	240	270–390	–	–	–
Air speed⑩ (m/s)	–	–	–	–	–	–	–	–
Air throughput⑩ (m^3/h)	–	–	–	–	–	–	–	–
Stroke rate (1/min)	–	–	–	–	–	–	–	–
Tooth spacing (mm)	–	–	–	–	–	–	–	–
Diamond-finished cutting blade	–	–	–	–	–	–	–	–
Cut protection	–	–	–	–	–	–	–	–
Sweep width (cm)	–	–	–	–	–	–	–	–
Container capacity (l)	–	–	–	–	–	–	–	–
Central height adjustment	–	–	–	–	–	–	–	–
Bristle clamp	–	–	–	–	–	–	–	–

● Standard
○ Retrofittable (accessory)

B = Quick Chain Tensioning
Q = QuickStop Super chain brake
R = Loop handle

T = Tophandle
PM3 = Picco Micro 3

① K factor according to Dir. 2006/42/EC = 2.5 dB(A)
② Depending on the type of chain saw, the stated bar length may not equal the actual bar length.
③ Weight excluding battery, with guide bar and saw chain

	FSA 90 R NEW	FSA 90 NEW	HSA 25 NEW	HSA 66	HSA 86	HLA 65	HLA 85 NEW	KGA 770	BGA 85	TSA 230 NEW
	●	●	●	●	●	●	●	●	●	●
	–/●	–/●	●/–	–/●	–/●	–/●	–/●	●/–	–/●	–/●
	2.8⑦	3.2⑦	0.6⑫	3.1	3.0 3.3	3.5	4.4	16.0	3.2	3.9⑪
	78 ①	73 ①	70	83	83	85	75	64	83	103⑬
	90 ①	84 ①	80	94	94	94	94	80	98	114⑬
	4.8/3.5④	1.0/1.0④	–	3.7/2.3④	3.7/2.3④	3.5/3.5④	2.0/2.0④	< 2.5/< 2.5③	–	3.5/3.5④
	–	–	1.2④	–	–	–	–	–	2,5④	–
	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–
	–	–	8	23	26	–	–	–	–	70
	–	–	–	–	–	–	–	–	–	–
	–	–	13	19	21	–	–	–	–	–
	–	–	17	50	45 62	50	50	–	–	–
	Mowing head AutoCut 25-2	Grass cutting blade 260-2	–	–	–	–	–	–	–	–
	2.4	–	–	–	–	–	–	–	–	–
	380	260	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	230
	continuously variable	continuously variable	non-variable	continuously variable	continuously variable	continuously variable	continuously variable	–	continuously variable	continuously variable
	●	●	–	–	–	–	–	–	–	–
	–	–	–	–	–	–	○	–	–	–
	–	–	50	103	98	205	260–330	–	–	55
	–	–	–	–	–	–	–	–	46	–
	–	–	–	–	–	–	–	–	650	–
	–	–	2,000	3,000	3,000	3,000	3,000	–	–	–
	–	–	19	30	33	33	33	–	–	–
	–	–	yes	single-edged	double-edged	–	–	–	–	–
	–	–	yes	integrated	screw-on	–	–	–	–	–
	–	–	–	–	–	–	–	77	–	–
	–	–	–	–	–	–	–	50	–	–
	–	–	–	–	–	–	–	8 settings	–	–
	–	–	–	–	–	–	–	●	–	–

④ K factor according to Dir. 2006/42/EC = 2 m/s²
⑤ Weight excluding battery and carrying system
⑥ Weight excluding battery, with cutting tool and guard
⑦ Weight excluding battery, cutting tool and guard
⑧ K factor according to Dir. 2006/42/EC = 1.5 dB(A)
⑨ K factor according to EN 50260-1:2005 = 1.5 m/s²
⑩ With round nozzle in blower mode
⑪ Weight excluding battery and cutting wheel
⑫ Weight excluding battery, including cutting tool
⑬ Measurement of cutting wheel whilst cutting according to EN 60745-2-22

Practical accessories:
The right solution for all your needs

Battery belt carrying system
Durable and ergonomically shaped belt for carrying STIHL lithium-ion batteries. Reduction of total weight in your hands, as the battery is carried on the battery belt. Energy transfer via lightweight battery adapter, which is connected to the device with a flexible cable.

Battery boxes
Two different STIHL battery boxes are available for safely storing and easily transporting batteries and chargers. They're also suitable for the AR 900 and charger. The boxes are compatible with other Sortimo L-boxes and fit perfectly into the Sortimo Globelyst in-vehicle system. For four batteries or two batteries and a charger.

Bag for battery belt
Can be used to carry more batteries or other accessories such as safety glasses, gloves or resin solvent spray. Attaches to the belt.

Battery bag
Lightweight, hard-wearing bag for easy transport and storage of STIHL cordless tool accessories. For one battery and one charger.

Carry bag
For transport and storage of STIHL cordless tools. For HSA 66, HSA 86, HLA 65 and BGA 85. Also suitable for all KombiEngines.

Support foot
Support foot to protect the battery from contact with the ground. Additional handle for short-term shaft extension, for HTA 65, HTA 85 and HLA 85.

Carrying strap for battery belt
Comfortable harness to distribute the weight on your shoulders. Can be easily attached to the battery belt.

Carrying strap
For more comfortable operation of the FSA 65, FSA 85 and FSA 90 R. Includes attachment clip.

Catcher plate
For catching and removing cuttings. 50 cm bar length, tool-free, can be mounted on both sides, for HSA 66, HSA 86, all HSE and HLA models.

Cover for the battery slot
For covering the battery slot on all STIHL cordless tools. Protects against dust and dirt during long storage periods.

Carrier frame with harness
Harness for BGA 85 conserves strength when working.
A variety of lifting eyelets ensure excellent balance.
If using the AR battery, the additional support cushion is required.

Support cushion
With single hook to attach the AR 900. For BGA 85.

AR Parts kit for attaching to the AR 900
Adapter for attaching the support cushion for FSA and BGA to the AR 900's carrying system.

Other useful accessories such as chains, bars, mowing lines, cutting wheels and personal protective equipment can be found under **www.stihl.com.**

There when you need them – your STIHL service partner

At STIHL, service is written with a capital 'S'. That's why STIHL products are only available from Approved STIHL Dealer – in your area. Your STIHL dealer is qualified to advise you on the most appropriate tool to suit your needs, to give you useful tips on correct usage and to provide you with professional service for years to come.

Maintenance and customer service
STIHL power tools are high-performance tools that are often subjected to extremely demanding tasks. Meticulous maintenance and attentive customer service guarantee their operational reliability. Our Approved STIHL Dealers make sure you and your tools are in good hands. They know what your STIHL tools need, and can give you appropriate tips on professional maintenance for everyday use.

Original STIHL replacement parts
Maximum reliability, even in extreme conditions, is a hallmark of STIHL power tools. If anything should ever go wrong with your STIHL machine, STIHL keeps original spare parts in stock, guaranteeing the performance, safety and long service life of your STIHL power tool. **At STIHL, you can still purchase original spare parts for at least 10 years following the end of production of a particular chainsaw or power tool.** Original spare parts can be identified by the STIHL logo or the parts symbol – a stylised "S".

STIHL accessories
Original STIHL cleaning agents and lubricants guarantee the long-lasting high performance of your power tools. They're available through your specialist dealer. Your STIHL specialist can also provide you with the protective apparel and equipment required for the safe use of your power tools, and advise you on the right protective equipment to suit your needs.

STIHL quality
Stringent quality requirements are applied in all areas of the company to ensure the high standards of STIHL products. STIHL has been certified according to international standards ISO 9001 (quality management systems) and ISO 14001 (environmental management systems) for comprehensive quality management.

www.stihl.com

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For further information and advice: